

## EAST Search History

| Ref # | Hits | Search Query                                     | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 1    | 10/612334  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/10/04 10:01 |
| S1    | 224  | gearless and elevator                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/10/04 10:01 |
| S2    | 7    | ((("0672781") or ("9943595") or ("0027739")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/07/08 08:03 |
| S9    | 3    | ("3634859").PN.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/07/08 10:27 |
| S10   | 2    | ("4756388").PN.                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/07/08 10:27 |
| S11   | 5    | ("4591025").PN. OR ("4756388").URPN.             | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2005/07/08 11:56 |
| S12   | 1333 | (187/254,261,266,264,289).CCLS.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/07/08 14:52 |
| S13   | 561  | (187/351,359,366,370).CCLS.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/07/08 14:05 |
| S14   | 9320 | ratio and elevator                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/07/08 12:03 |
| S17   | 669  | S14 and sheave                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/07/08 12:21 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S18 | 33   | roping adj ratio                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/08 12:22 |
| S20 | 1333 | (187/254,261,266,264,289).CCLS.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/08 14:52 |
| S21 | 18   | S20 and (steel adj cable)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/08 15:04 |
| S22 | 12   | elevator and (steel adj cable) and 1:1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/08 15:10 |
| S23 | 5255 | asynchronous adj motor                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/11 14:14 |
| S24 | 61   | S23 and elevator                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/11 07:36 |
| S25 | 437  | (187/251,252).CCLS.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/11 07:36 |
| S26 | 2    | ("0056813").PN.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/11 09:47 |
| S27 | 1333 | (187/254,261,266,264,289).CCLS.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/11 13:36 |
| S28 | 5    | S27 and (cable adj diameter)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/11 13:36 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S29 | 133   | asynchronous and synchronous and motor and elevator                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/11 14:36 |
| S30 | 187   | asynchronous and synchronous and elevator                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/11 14:36 |
| S31 | 31    | ("3101130"   "4022010"   "4202164"   "4640179").PN. OR ("5566786").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/07/12 13:07 |
| S32 | 640   | elevator and load and kg   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/07/12 13:07 |
| S33 | 64    | elevator same load same kg   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/07/12 13:08 |
| S34 | 11    | ("1098845"   "1802759"   "3168287"   "4030569").PN. OR ("4591025").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/07/14 07:41 |
| S35 | 2     | ("5566786").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/20 15:09 |
| S36 | 363   | ratio same diameter same (cable or rope or cord) same (sheave)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/21 09:43 |
| S37 | 29411 | "187"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/21 09:43 |
| S38 | 35    | "187"/\$.ccls. and S36   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/21 09:48 |
| S39 | 16    | S37 and "D/d"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/21 09:59 |

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|     |       |                                |  |     |     |                  |
|-----|-------|--------------------------------|--|-----|-----|------------------|
| S40 | 2     | ("4624097").PN.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT          | OR  | OFF | 2006/06/21 09:59 |
| S41 | 2     | 9943595A                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT          | OR  | ON  | 2006/06/21 15:55 |
| S42 | 29637 | "187"/\$.ccls.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT          | OR  | ON  | 2006/12/31 14:49 |
| S43 | 471   | S42 and mm                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/12/31 14:50 |
| S44 | 160   | S42 and mm and steel           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2006/12/31 14:50 |
| S47 | 293   | (187/411).CCLS.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2007/10/03 09:33 |
| S48 | 2     | ("4591025").PN.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2007/10/03 10:22 |
| S49 | 410   | aulanko.in.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 10:45 |
| S50 | 67    | aulanko.in. and "187"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 10:47 |

## EAST Search History

|     |       |   |  |     |     |                  |
|-----|-------|---|--|-----|-----|------------------|
| S51 | 34    | aulanko.in. and "187"/\$.ccls. and steel  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 10:52 |
| S52 | 2     | JP-09021084-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 10:54 |
| S53 | 31    | ((("5490577") or ("6412264") or ("6199666") or ("6667110") or ("6601828") or ("6401871") or ("4022010") or ("4624097") or ("3822542") or ("5377786") or ("5429211") or ("6367587") or ("6443266"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2007/10/03 10:56 |
| S54 | 13    | S53 and steel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 10:57 |
| S55 | 5     | S53 and steel and mm  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 11:31 |
| S58 | 1     | WO-200246083-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 11:40 |
| S60 | 29942 | "187"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 11:40 |
| S63 | 76    | S60 and (steel same mm)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 11:41 |

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|     |    |  |  |     |     |                  |
|-----|----|--|--|-----|-----|------------------|
| S64 | 3  | ("5429211").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2007/10/03 11:59 |
| S65 | 42 | (US-20040129501-\$ or<br>US-20040016603-\$ or<br>US-20040216958-\$ or<br>US-20020046908-\$ or<br>US-20030183458-\$ or<br>US-20040016602-\$ or<br>US-20030192743-\$).did. or<br>(US-6488124-\$ or US-5837948-\$ or<br>US-5665944-\$ or US-5566785-\$ or<br>US-5469937-\$ or US-5435417-\$ or<br>US-5429211-\$ or US-5573084-\$ or<br>US-4756388-\$ or US-4030569-\$ or<br>US-6860367-\$ or US-6626266-\$ or<br>US-4591025-\$ or US-6619433-\$ or<br>US-6364063-\$ or US-6491136-\$ or<br>US-5566786-\$ or US-6868661-\$ or<br>US-4624097-\$ or US-5299662-\$ or<br>US-6412264-\$ or US-4022010-\$ or<br>US-6667110-\$ or US-6364061-\$ or<br>US-6386324-\$ or US-6390242-\$).<br>did. or (US-6401871-\$ or<br>US-6739433-\$ or US-6837340-\$ or<br>US-7137483-\$).did. or<br>(WO-2053486-\$).did. or<br>(EP-468168-\$ or DE-3634859-\$ or<br>WO-9943595-\$ or EP-1213250-\$).<br>did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>DERWENT      | AND | ON  | 2007/10/03 12:01 |
| S66 | 24 | S65 and mm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 12:02 |
| S83 | 1  | WO-3000581-\$).did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON  | 2007/10/03 14:52 |

## EAST Search History

|     |     |  |  |     |    |                  |
|-----|-----|--|--|-----|----|------------------|
| S84 | 42  | (US-20040129501-\$ or<br>US-20040016603-\$ or<br>US-20040216958-\$ or<br>US-20020046908-\$ or<br>US-20030183458-\$ or<br>US-20040016602-\$ or<br>US-20030192743-\$).did. or<br>(US-6488124-\$ or US-5837948-\$ or<br>US-5665944-\$ or US-5566785-\$ or<br>US-5469937-\$ or US-5435417-\$ or<br>US-5429211-\$ or US-5573084-\$ or<br>US-4756388-\$ or US-4030569-\$ or<br>US-6860367-\$ or US-6626266-\$ or<br>US-4591025-\$ or US-6619433-\$ or<br>US-6364063-\$ or US-6491136-\$ or<br>US-5566786-\$ or US-6868661-\$ or<br>US-4624097-\$ or US-5299662-\$ or<br>US-6412264-\$ or US-4022010-\$ or<br>US-6667110-\$ or US-6364061-\$ or<br>US-6386324-\$ or US-6390242-\$).<br>did. or (US-6401871-\$ or<br>US-6739433-\$ or US-6837340-\$ or<br>US-7137483-\$).did. or<br>(WO-2053486-\$).did. or<br>(EP-468168-\$ or DE-3634859-\$ or<br>WO-9943595-\$ or EP-1213250-\$).<br>did. | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT                         | AND | ON | 2007/10/03 15:20 |
| S85 | 8   | S84 and (groove same width)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/10/03 15:22 |
| S86 | 384 | ratio same diameter same (cable or<br>rope or cord) same (sheave)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT          | OR  | ON | 2007/10/03 15:22 |
| S87 | 51  | "187"/\$.ccls. and S86   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT          | OR  | ON | 2007/10/03 15:23 |
| S88 | 12  | S87 and (groove same width)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/10/03 15:23 |

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|     |       |   |  |     |    |                  |
|-----|-------|---|--|-----|----|------------------|
| S89 | 29929 | "187"/\$.cls.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT          | OR  | ON | 2007/10/03 15:23 |
| S90 | 151   | S89 and (groove same width)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/10/03 15:23 |
| S91 | 17    | S89 and (groove same width) and<br>mm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/10/03 15:28 |
| S92 | 17    | S89 and (groove same width) and<br>inch | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | AND | ON | 2007/10/03 15:28 |